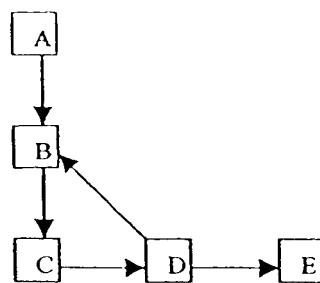


Figure 1

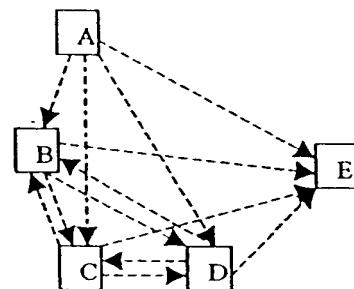
a. True Graph G



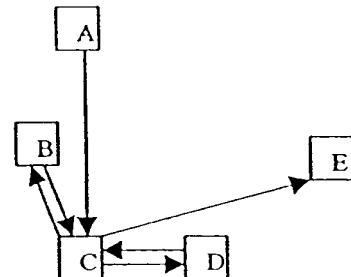
b. Connectivity Data for G

Induced Gene	Expressed Genes				
	A	B	C	D	E
A	1	1	1	1	1
B	0	1	1	1	1
C	0	1	1	1	1
D	0	1	1	1	1
E	0	0	0	0	1

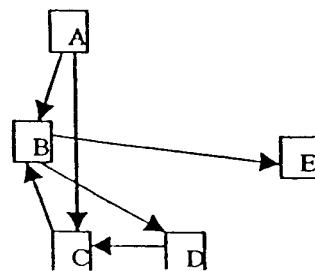
c. Transitive Closure G^*



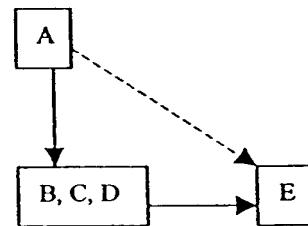
d. A Graph compatible with Data



e. A Graph compatible with Data



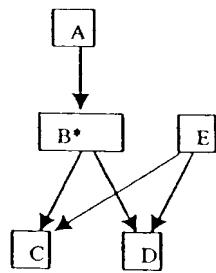
f. G^* reduced to condensed graph



Solid arrows are required by the data.
 Dashed arrows cannot be excluded by the data.

Figure 2

a. True Graph G,
B regulated by A not by expression.



b. Connectivity Data for G

Induced Gene	Expressed Genes				
	A	B	C	D	E
A	1	0	1	1	0
B	0	1	1	1	0
C	0	0	1	0	0
D	0	0	0	1	0
E	0	0	1	1	1

c. Transitive Closure G*

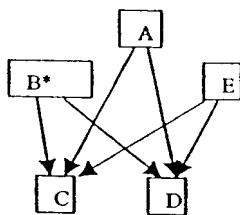


Figure 3